

Algebra 1
Mrs. Arot/Mrs. Britton
Section 6.5 Challenge Absolute-Value

Name: _____

Date: _____

Solve each equation. *****SHOW ALL YOUR WORK*****

1. $|x+2|-8 > 5$

2. $|x+6|-7 = 7$

3. $2|x-7| > 4$

4. $|x|+9 < 5$

5. $|4x-2|-10 \geq 6$

6. $\frac{|3x+5|}{2} \leq 11$

<p>7. $-4 + x + 6 = 7$</p>	<p>8. $x - 2.75 + 3.5 > 0.05$</p>
<p>9. $\frac{ -2 - x }{2} - 6 \geq 4$</p>	<p>10. $\frac{ x - 15 }{20} = 83$</p>
<p>11. $x + 3 - 16 < -16$</p>	<p>12. $\frac{ x }{10} \leq 28$</p>